

**PROJECT TITLE:** JGI Data Center

Building:	400	Architect:	Peterson	PM:	DiGennaro
Project No:	FX5100	Struct Engr:	Angliss	PA:	Ocean
Account No:	LWBJFP	Mech Engr:	Chan	Client:	JGI - Jim Bristow
Fund Type:	DOEOP	Elect Engr:	Domansky	Report Period:	07-05
Status:	Open			NEPA/SARS:	
Year Fund.:	FY04				

**A. ASSESSMENT:***1. Major Accomplishments:*

1. Phase 4 Title 2 design is complete, including UPS installation and offices.
2. Phases 1,2,3 construction is approx. 60% complete.
3. Partial delivery of the new 300 kVA UPS system components were received, and the remaining UPS Battery Modules are scheduled to be shipped in August.
4. Field Orders were issued to extend the construction effort to include critical-path tasks for UPS installation. Preliminary Change Orders were issued to request prices for formal Change Orders to the construction subcontract to include Phase 4 work for the UPS Installation and Offices, and Price Proposals were submitted by the JOC general subcontractor.

*2. Developments Affecting Cost Estimate & Schedule:*

1. Construction progress is slow. Contributing factors include late delivery of the UPS system, late completion of Phase 4 design documents, and problems with construction management by the general subcontractor.
2. The JOC price proposal for Phase 4 was late and incomplete, and was deemed non-responsive. We decided to limit the JOC contract Change Orders to include only essential work to get the UPS equipment installed, only as needed for completion of the original contract for Phases 1, 2, & 3.
3. Competitive bids will be solicited for the remaining Phase 4 work.

*3. Brief Assessment of Overall Project:*

1. Phases 1, 2, and 3 construction progress is slow, significantly behind schedule. The JGI/LBNL Facility PM has increased his involvement with the general contractor's construction management, working toward improving the rate of progress.
3. The subcontractor's initial JOC price proposal for Phase 4 work was deemed non-responsive. Costs for Change Orders to complete the essential work for UPS installation are being negotiated.
2. Most of the Phase 4 work will be outsourced to a new general subcontractor, aiming to stay within the project budget and project scope, however, sacrificing the overall project completion schedule.

*4. Environmental/Safety Documentation:*

NEPA:  
CEQA:  
SARS:

**B. WORK PERFORMED: Phases 1,2,3 (excludes Phase 4)**

WBS	Description	Physical Progress (%)			
		Plan			Actual
1.0 ED&I	Title I	100%			100%
	Title II	100%			100%
	Title III	100%			100%
2.0	Construction (Phases 1, 2, & 3)	100%			60%

**C. PROJECT SCHEDULE:**

WBS	Description	Day (Mo/Yr)			
		Plan		Forecast	Actual
	<b>Project Authorization (BSO/DOE)</b>	<b>07-04</b>		<b>08-04</b>	<b>08-04</b>
1.0	Engineering, Design & Insp.				
	Title I Authorization (JGI)	06-04		06-04	06-04
	Title I Start	06-04		06-04	06-04
	NEPA Approval				
	SARS Approval				
	• <b>Title I Completion</b>	<b>08-04</b>		<b>09-04</b>	<b>09-04</b>
	Title II Authorization	08-04		09-04	09-05
	Title II Start	08-04		09-04	09-05
	Release For Bid	09-04		11-04	11-05
	Receive Bids	10-04		11-04	11-05
	• <b>Title II Design Completion</b>	<b>09-04</b>		<b>11-04</b>	<b>11-05</b>
	Title III Authorization	10-04		02-05	02-05
	Title III Start	10-04		02-05	02-05
2.0	Construction				
	Subcontract Award	10-04		02-05	02-05
	Construction Start	10-04		02-05	02-05
	"As-Built" Drawings	12-04			
	• <b>Construction Completion</b>	12-04		09-05	<b>01-06</b>
	Title III Completion	12-04			
	Final Report/Close-Out				

**D. COST REPORT: Cost Plan updated to include Phase 4 Budgetary Estimates**

WBS	Description	Amount (\$K)					
		Est. to Complete	Cost to Date	Liens	Total Est. Cost	App'd Budget	Percent Complete
		A=F-B	B	C	D	E	G
1.	Engineering, Design & Insp.	237	265	93	768	432	53%
1.1	LBL Activities	29	204	0	436	207	88%
	1.1.1 Title I,II,III	10	163	0	335	175	94%
	1.1.4 Inspectors	19	41	0	101	33	68%
1.2	Outside A&E	208	62	93	332	225	23%
	1.2.1 Title I,II,III	208	62	93	332	225	23%
1.3	Consultants	0	0	0	0	0	0%
2.	Construction	917	493	418	1,903	1,115	35%
2.1	Subcontract	873	477	418	1,827	1,050	35%
2.2	In-house support	44	16	0	76	65	27%
3.	Standard Equipment	0	0	0	0	42	0%
4.	Project Management	31	103	0	237	102	77%
	Subtotal	1,185	861	510	2,908	1,692	42%
5.	Contingency	0	0	0	0	233	0%
	Total	1,185	861	510	2,908	1,925	42%
	Change Since Last Rep	(61)	61	0	2,908	1,925	0%

DOE/HQ Obligations to Date: **\$1,372 K**Cost to Date: **\$861 K**Outstanding Liens to Date: **\$510 K**End of FY Unobligated Balance: **\$0 K**End of FY Uncosted Balance: **\$0 K**

Percent Spent (B/D) = 30%

Total Obligation (B+C) = **\$1,372 K**JGI Authorization to date = **\$1,925 K**